

ABSTRACT OF THE DISCLOSURE

An initial value register stores gain control amount initial value at the start of a reception frame. At the start of reception frame, a latch unit outputs the value of the gain control amount initial value that has been
5 taken in from initial value register and latched at the end of previous reception frame as a gain control value. A variable gain amplifier amplifies a signal received from mixer in accordance with this initial value. Thereafter, the gain of variable gain amplifier is controlled by a feedback
loop structured with an RSSI circuit, a gain control circuit, and a D/A
10 converter circuit, such that the signal level of a reception signal is stabilized at a prescribed level.